

ABSTRACT OF THE DISCLOSURE

The present invention is a headset based on optics and more precisely fiber-optic communications for speaking into and listening via a cellular communications unit. The fiber-optic cable connects the microphone and earphone of the headpiece to the telephone. The use of optic fiber which is an electric insulator inherently avoids the conduction of radio frequency electromagnetic signal towards the head of the user's body, and therefore reduces possible harm to biological tissue in the head due to the radio frequency electromagnetic radiation.